

Appl. No. : 074,626
Filed : May 19, 2000

IN THE CLAIMS:

Please cancel Claim 2 without prejudice.

Please amend Claims 1 and 14 as follows:

C1 1. **(Amended Three Times)** A method for the identification and/or the quantification of a target compound obtained from a sample, comprising the steps of:
putting into contact the target compound with a capture molecule in order to allow a specific binding between said target compound with a capture molecule, said capture molecule being fixed upon a surface of a solid support according to an array comprising a density of at least 20 discrete regions per cm^2 , each of said discrete regions being fixed with one species of capture molecules;
performing a reaction leading to formation of a precipitate formed at the location of said binding by the deposit of a metallic compound;
determining the possible presence of precipitate(s) in discrete region(s); and correlating the presence of the precipitate(s) at the discrete region(s) with the identification and/or a quantification of said target compound.

C2 14. **(Amended Three Times)** A diagnostic and/or quantification apparatus comprising:
a solid support comprising an array comprising at least 20 discrete regions per cm^2 , each of said regions being fixed with one species of a capture molecule which recognizes a target compound, target compounds bound to some of said capture molecules, and a precipitate present at the location of said bound target compounds;
a detection and/or quantification device for detecting said precipitate; and
a computer programmed to collect the results obtained from said detection and/or quantification device.

Please add the following new claim:

C3 33. **(New)** The method of Claim 1, wherein said sample is a biological sample.